

TEAK SPECIFICATIONS



Common Name(s) : Teak

Botanical Name : Tectona Grandis

DISTRIBUTION

Burma: harvested from natural rain forests.

Java, Indonesia: harvested timber from reforestation

QUALITY STANDARDS AND GENERAL PROPERTIES

Teak is a close grained hardwood with high natural oil and rubber content. It is one of the hardest, strongest and most durable of all timbers, highly resistant to any rotting and almost impervious to the effects of hot sun, rain, frost or snow. These characteristics combine to make it the ideal timber for all outdoor applications. It has been the number one choice of boat builders for centuries.

Color Range: Teak exhibits a wide range of colors when fresh cut, from pale yellows to orange browns with darker striping, all of which mellows into medium brown tones.

Color Change: Teak undergoes an extreme degree of color change with pronounced color change from the highly variegated coloring found in material fresh sanded which then darkens to a golden brown with substantial muting of the initial color range over time.

TYPICAL END USE APPLICATIONS

suitable for outdoor applications where resistance to the elements is required such as; ship building (especially decks), indoor or outdoor furniture, high class joinery, decking, flooring, paneling, plywood, decorative veneers, turnery, carving, chemical tanks and vats.

TECHNICAL DATA

Density	660 kg/m ³	
Shrinkage	Tangential	Green 10.7% Seasoned 0.99%
	Radial	Green 4.14% Seasoned 0.65%
Durability	Heartwood	Very durable
	Sapwood	Very durable
Stability	Stable	

AVAILABILITY

The teak is a native of the deciduous forests of India and Burma and naturally, its cultivation is encouraged in the afforestation programmes of the Government of India and in the recent past, we see teak grown in large numbers in Indonesia. The teak is a very tall tree, reaching up to 150

ft, in conditions conducive to its growth, taking up to 60-80 years to attain full maturity. This long lifespan is an argument advanced against its cultivation. But the wait is worth it, for the return per tree is quite high since once established, it needs little attention.